



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

## Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	
P0038657	ACI001-VC	2	1	Net 30	M303R0.313	303 Round Bar .313 : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft				24	12/19/2017	24		S026900	Stock	12/23/2017	\$ 0.95 / ft	0		\$22	
		3			M303R0.500	303 Round Bar 0.500" : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft				72		72		S026901	Stock	12/23/2017	\$ 1.97 / ft	0		\$142	
Total:										96		96									\$129.1

Plex 12/23/2017 8:51 AM Dart.Dubois.Pascal



# ACIER OUELLETTE INC.

935, Boul. du Hâvre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

## DELIVERY - CLIENT

CO00067428

### Billed to

DART AEROSPACE LTD  
1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

### Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M

Delivery Route 5

Page 1

Credit Terme

Net 30 Days

Carrier

OUELLETTE VALLEYFIELD

Salesman

Processed by

Stephanie Dignard

Your order N°

P0038657

Delivery date

2017/12/21

Date

2017/12/15

Customer N°

CL10001056

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C
1 ROUND SS 1/2 303 RANDOM RSS-12303-V 5727 6 X 12' R/L AC12324-MA-18/12	48.02	72.00	PL_\$CLB		67 12		72.11			
2 ROUND SS 5/16 303 RANDOM NS RSS-516303-V 8539 2 X 12' R/L AC12324-MA-18/12	6.24	24.00	PL_\$CLB		24 121		24.11			

Total Weight (Lbs) : 54.26

NIR : R-109516-6

Total (\$CAD)

**Conditions :**  
All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :

Verified By :

Delivered By :

Time

Customer's Signature

Date

Total (\$CAD)

**NAS** North American Stainless Canada Inc.  
740 Imperial Road North  
Guelph, ON N1K1Z3  
Canada

# METALLURGICAL TEST REPORT

6870 Highway 42 East  
Ghent, KY 41045-9615  
(502) 347-6000

Certificate: 284329 2  
Customer: 007080 003

Your Order: MN5668

NAS Order: IN 0246269 04

Corrosion:

Date: 4/18/2017 Page: 1  
Steel: 303  
Finish: CD

## PRODUCT DESCRIPTION:

ROUND BAR, Annealed, Cold Draw  
UNS 30300, ASTM A582/12 EN 10204 3.1, ASTM A484/15  
AMS 5640V TYPE 1, QCS-7648 CONDITION A  
SOLUTION ANNEAL TEMP 1900F MIN

## REMARKS:

COMPLIES W/REQUIREMENTS OF DPMR 252.225-7009 EU DIRECTIVE  
2011/65/EU, ROHS, EAP+AD+CC, NO WELD REPAIR, WELDED AND WPO  
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product Id	Std #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BI4256 4		.5000		610	144.00	5	1	

## CHEMICAL ANALYSIS

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# U2323  
Chemical Analysis per ASTM A751/14a

Element	C %	CO %	CR %	CU %	NI %	MO %	N %	SI %	P %
233C	0.0277	0.0885	17.1705	0.2750	1.9155	0.2855	0.0461	8.6390	0.0260
S %		BT %							
	0.3165	0.4585							

## MECHANICAL PROPERTIES

Product Id	1 d 0 1 0 2	HR No.	.2YS KSI	UTS KSI	RA %	ELong % 2"
BI4256 4	RL	240.0	79.94	101.32	30.39	29.50

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical  
Dept. Mgr.

KPTC LABV

4/18/2017

CO. 67428 DART  
**VIRAJ PROFILES LIMITED**

PO. 12324  
**VIRAJ**

Regi & Mkt off: G-33 & 34, MIDC, Industrial Area, Tarapur, Thane (Dist), Maharashtra, INDIA - 401506, E-Mail: sales@viraj.com  
 Works: SURVEY No- 114, 119 & 120, VILL. Mahagaon, Tal: Palgar, Dist: Thane-401501, MAHARASTRA, INDIA, vtelqc@viraj.com

**TEST CERTIFICATE**

ORDER NO      PACKING LIST NO      INSPECTION NO      DATE  
 P004082      62/995000/1      100005712489      08.09.2015  
 GRADE      HEAT No  
 T-303      35006

BUNDLE NO :  
 1100398752

**DESCRIPTION**  
 STAINLESS STEEL BRIGHT BARS

**COLD DRAWN POLISHED - 2H**

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
5/16"	ROUND	ASTM A484	12" - 14"	72	225.000 LB

**CHEMICAL ANALYSIS**

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Co	%N2
0.0470	1.950	0.460	0.3000	0.0330	17.420	8.070	0.490	0.280	0.150	0.03500

**TEST RESULTS**

0.2% yield strength ksi	Tensile Strength ksi	Elongation %	Reduction Of Area %	Hardness BHN	Grain Size NOS
97.0	113.0	38.0	57.0	228.0	7.0

**SPECIFICATION:**

MATERIAL CONFIRMS TO DIN 10088-3:2005 COND-A & ASTM A 582/A582M-13 COND A, ASTM A 388-05, ASTM A 484-10, AMS 5640U TYPE I, EXCEPT MARKING, QQS-764BA2 COND A. EXCEPT MARKING, UNS-S-30300, ASTM A314-2008, ASTM A320/A320M-11, B8F CLASS I, ASME SA 320 B8F CL1 MIL-S-862 B GRADE AISI 303 & WNR 1.4305.  
 CERTIFIED AS PER EN 10204-3.1

**REMARKS**

MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD OR WELD REPAIRS, MICRO-FREE FROM CONTINUOUS CARBIDE NETWORK ON GRAIN BOUNDARIES. MACRO-GOOD, MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C, SOAKING TIME 1/2 HRS, WATER QUENCHED. MELT SOURCE: AOD. WE CONFIRM THAT THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION COUNTRY OF ORIGIN: INDIA.

We hereby certify that the material described above has been tested and complies with the terms of order/contract.

U.C. 12/04/15  
 SR 12/04/15

WORKS INSPECTOR  
 K R K MURTHY

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303R0.500  
 DATE: DEC 23 2017

PO / BATCH NO.: 038657/5026901

MATERIAL CERT REC'D: YES  
 QUANTITY RECEIVED: 72"  
 QUANTITY INSPECTED: 72"  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.500  
 THICKNESS RECEIVED: 0.500  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y	N	<u>Astm A582</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	<u>Heat# 233C</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>and</u>	SIGNED OFF BY: _____
DATE: <u>DEC 23 2017</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 303 SS ROUND BAR

(NOTE: AISI 304/316 NOT ACCEPTABLE)

SPECIFICATION:

ASTM A582

PART NUMBER:

M303R0.DDD

DIA.

WHERE "D.DDD" = DIAMETER IN INCHES

EG. 0.75" ROUND BAR = M303R0.750

RELEASED  
2010-02-02  
JND

B		REFORMAT DWS ADD SPECS (ZN DB-1).		CP	10.01.05
A		NEW ISSUE		DS	01.12.20
REV.	DESCRIPTION	BY	DATE		
DESIGN					
DRAWN					
CHECKED					
MFG. APPR.					
APPROVED					
DE APPR.					
DATE	10.01.05				

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. M303R

TITLE 303 ROUND BAR

REV. B

SHEET 1 OF 1

SCALE NTS

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# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303R0.313  
 DATE: DEC 23 2017

PO / BATCH NO.: 038657/5026900

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 24'  
 QUANTITY INSPECTED: 24'  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.313  
 THICKNESS RECEIVED: 0.313  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	Astm A582
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	Heat # 35006
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>ml</u>	SIGNED OFF BY: _____
DATE: <u>DEC 23 2017</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 303 SS ROUND BAR  
(NOTE: AISI 304/316 NOT ACCEPTABLE)

SPECIFICATION:

PART NUMBER:

ASTM A582  
M303R0.750 DIA.

WHERE "D.DDD" = DIAMETER IN INCHES

EG. 0.75" ROUND BAR = M303R0.750

RELEASED  
R 2010-02-02  
NR

B	REFORMAT DWG. ADD SPECS (ZN D8-1).	CP	10.01.05
A	NEW ISSUE	DS	01.12.20
REV	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.01.05		

DART AEROSPACE LTD	
HAWKESBURY, ONTARIO, CANADA	
DRAWING NO.	REV. B
M303R	SHEET 1 OF 1
TITLE	SCALE
303 ROUND BAR	NTS

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Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

## BLANKET PURCHASE ORDER PO038657

**Supplier:** ACI001-VC  
Acier Ouellette Inc.  
935 Boul. Du Havre  
Valleyfield  
QC  
J6S 5L1 Canada  
Phone: 800 667 4248  
Fax: 450 377 5696

**PO No:** PO038657  
**PO Date:** 12/15/17  
**Due Date:** 12/19/17  
**Purchase Order  
Revision:**  
**Revision Date:**  
**Ship-To Contact:** Lavoie, Chantal  
Phone: clavoie@dartaero.com

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Blanket Order:** 12/15/17 -  
**Via:** Ground  
**Pymt Terms:** Net 30  
**Freight Terms:**  
**Special Comments:** quote # sou0076907

### Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M303B1.000X03.000		303 Bar 1" X 3' : MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE receive ft	-		0 ft	0 ft	0 ft	\$72.25/ft	
				Firmed	1/9/18	12 ft	0 ft	12 ft	\$72.25/ft	\$867.00
<b>Sub Total:</b>						<b>12</b>	<b>0</b>	<b>12</b>		<b>\$867.00</b>
2	M303R0.313		303 Round Bar .313 : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft	-		0 ft	0 ft	0 ft	\$0.951666/ft	
3	M303R0.500		303 Round Bar 0.500" : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft	-		0 ft	0 ft	0 ft	\$1.973888/ft	
4	M304R0.375		304 Round Bar 0.375 : MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE receive ft	-		0 ft	0 ft	0 ft	\$1.188/ft	
5	M304R.500		304 SS roundbar .500 : MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE receive ft	-		0 ft	0 ft	0 ft	\$1.9072222/ft	

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	M6061T6R0.375		6061-T6 Round Bar .375" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	-		0 ft	0 ft	0 ft	\$0.3775/ft	
7	M6061T6R0.500		6061-T6 Round Bar .500" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	-		0 ft	0 ft	0 ft	\$0.6375/ft	
8	M6061T6R0.875		6061-T6 Round Bar .875" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	-		0 ft	0 ft	0 ft	\$1.94825/ft	
<b>Grand Total:</b>										<b>\$867.00</b>
Order Notes										
<p>Procurement Quality Clauses  A005 right of entry  A012 chemical and physical test report  A016 personnel qualification  A017 raw material identification (as applicable)  A026 certification of material conformance  A041 quality management system  A042 dart notification by supplier  A043 retention of quality documents</p> <p>A048 counterfeit parts avoidance, detection, mitigation and disposition program</p> <p>A049 supplier awareness</p> <p>Terms &amp; Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit <a href="http://www.dartaerospace.com">www.dartaerospace.com</a> for further explanation.</p>										

REFERENCE ONLY

Plex 1/3/18 8:08 AM dart.lavoie.chantal